

NAME

Documentation for pb configuration files

DESCRIPTION

pb helps you build various packages directly from your project sources. In order to work correctly, it relies on a certain number of configuration files. Most of these configuration parameters can be setup in all the configuration files, however, they generally make more sense in a specific one, which is indicated. There are mainly 4 configuration files, the one in the home directory of the user (used first), the one from the project (use in second), the one in the VM/VE hosting directory, and the one provided by the tool in /etc/pb or /usr/local/etc/pb (lastly).

SYNOPSIS

Those files have the same format, which is near from a perl hash structure: keyword key = value1[,value2,...]

The key could be also default, in which case it will be used as a default value if no more precise content is given for the key.

Each value is detailed below giving the nature of its use (Mandatory or Optional – only used for certain feature), the value of the key (could be the project, an OS name, default, ...), the value of the parameter field and its format, the default configuration file in which it should be defined (home \$HOME/.pbrc, conf /etc/pb/pb.conf or /usr/local/etc/pb/pb.conf, VE vepath/.pbrc, VM vmpath/.pbrc, or project project.pb) and an example of use.

OPTIONS**addrepo**

Nature: Optional

Key: OS (could be from the most generic up to the most specific from ostype, osf)

Value: comma separated list of URLs that point to repository files, or packages

Conffile: project

Example: addrepo centos-5-x86_64 = file:///prj/extras.repo,http://mirror.centos.

cachedir

Nature: Optional

Key: pb project: rpmbotstrap|pbmkbm|pb

Value: Directory to cache temporary content for the relevant pb project.

Conffile: pb

Example: cachedir rpbootstrap = /var/cache/rpmbotstrap

checkexclude

Nature: Optional

Key: package (as provided in defpkgdir or extpkgdir)

Value: comma separated list of OS (could be from the most generic up to the most)

Conffile: project

Example: checkexclude pkg1 = centos,lsb,solaris

cpandir

Nature: Optional

Key: project (as defined in the -p option or pb environment variable)

Value: CPAN Pause directory to upload new modules

Conffile: pb

Example: cpandir default = incoming

cpanpasswd

Nature: Optional

Key: project (as defined in the -p option or pb environment variable)

Value: CPAN Pause user's password

Conffile: home

Example: cpanpasswd default = mycomplicatedpwd

cpanpause

Nature: Optional

Key: project (as defined in the `-p` option or pb environment variable)

Value: CPAN Pause site to upload new modules

Conffile: pb

Example: `cpanpause default = pause.perl.org`

cpansubdir

Nature: Optional

Key: project (as defined in the `-p` option or pb environment variable)

Value: CPAN Pause subdirectory in the user's area to upload into

Conffile: pb

Example: `cpansubdir default = mydir`

cpanurl

Nature: Optional

Key: project (as defined in the `-p` option or pb environment variable)

Value: CPAN Pause URL to activate the upload mechanism

Conffile: pb

Example: `cpanurl default = http://pause.perl.org/pause/authenquery`

cpanuser

Nature: Optional

Key: project (as defined in the `-p` option or pb environment variable)

Value: CPAN Pause user

Conffile: home

Example: `cpanuser default = XXX`

defpkgdir

Nature: Mandatory

Key: project (as defined in the `-p` option or pb environment variable)

Value: comma separated list of packages built by default in this project. When m

Conffile: project

Example: `defpkgdir mondorescue = mondo,mindi` NB: a default value is not really m

delivery

Nature: Optional

Key: project (as defined in the `-p` option or pb environment variable)

Value: directory where to deliver packages once built for ftp/web access.

Conffile: project

Example: `delivery mondorescue = prod`

dockeropt

Nature: Optional

Key: project (as defined in the `-p` option or pb environment variable)

Value: List of the options to call docker with

Conffile: project

Example: `dockeropt default = --bip=172.16.42.1/16`

dockerregistry

Nature: Optional

Key: project (as defined in the `-p` option or pb environment variable)

Value: name of the docker registry to interact with if any

Conffile: project

Example: `dockerregistry mondorescue = localhost:5900/mondorescue`

dockerrepository

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: name of the docker repository to interact with if any. It is mandatory if
Conffile: project
Example: `dockerrepository mondorescue = localhost:5000/mondorescue`

extpkgdir

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: comma separated list of packages built in addition in this project. When
Conffile: project
Example: `extpkgdir mondorescue = mondo-doc,mindi-mindibusybox`

filteredfiles

Nature: Optional
Key: package (as provided in `defpkgdir` or `extpkgdir`)
Value: comma separated list of files that will be filtered using the macro system
Conffile: project
Example: `filteredfiles mindi = rootfs/sbin/init,mindi,install.sh,doc/mindi.8`

ftp_proxy

Nature: Optional
Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
Value: string indicating the proxy to use
Conffile: pb
Example: `ftp_proxy default = http://example.com:3128/`

http_proxy

Nature: Optional
Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
Value: string indicating the proxy to use
Conffile: pb
Example: `http_proxy default = http://example.com:3128/`

logcmd

Nature: Mandatory
Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
Value: internal (the application then handles the logging of what it finds useful)
Conffile: pb
Example: `logcmd mageia = sos`

logcmds

Nature: Optional
Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
Value: In case the `B<logcmd>` command is internal, a comma separated list of the
Conffile: pb
Example: `logcmds mageia = mount,lsmod,esxcfg-module -l,df -T`

logfiles

Nature: Optional
Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
Value: In case the `B<logcmd>` command is internal, a comma separated list of the
Conffile: pb
Example: `logfiles mageia = /etc/raidtab,/proc/cmdline,/proc/swaps`

logopt

Nature: Optional

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: In case the B<logcmd> command is not internal, the options of the B<logcmd>

Conffile: pb

Example: logopt mageia = --all

mkbmbootcmds

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: comma separated list of commands to be copied from the original OS to the

Conffile: pb

Example: mkbmbootcmds linux = perl,awk,gawk,dd,grep,uname

mkbmbootdirs

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: comma separated list of directories to be copied from the original OS to

Conffile: pb

Example: mkbmbootdirs linux = /etc/ssh,/etc/udev,/etc/mdadm

mkbmbootfiles

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: comma separated list of files to be copied from the original OS to the ta

Conffile: pb

Example: mkbmbootfiles linux = /etc/mdadm.conf,/etc/raidtab,/etc/modprobe.conf

mkbmkerneldir

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: path of the directory containing your kernel.

Conffile: pb

Example: mkbmkerneldir linux = /boot

mkbmkernelfile

Nature: Optional

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: full path of the your kernel.

Conffile: pb

Example: mkbmkernelfile linux = /boot/vmlinuz-specific

mkbmkernelnamere

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: Perl Regular Expression allowing to find OS kernel names in the B<kerneld

Conffile: pb

Example: mkbmkerneldir linux = ^linu|^vmlinu|^xen

mkbmtargetdirs

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: comma separated list of empty directory paths to be created on the target

Conffile: pb

Example: mkbmtargetdirs linux = /tmp,/dev

namingtype

Nature: Optional
Key: package (as provided in defpkgdir or extpkgdir)
Value: perl, if packages are CPAN perl modules that need to be named respecting
Conffile: project
Example: namingtype ProjectBuilder = perl

osambiguous

Nature: Optional
Key: OS (could be from the most generic up to the most specific from ostype, osf
Value: comma separated list of distributions which use the same file name in /et
Conffile: pb
Example: osambiguous debian = debian,ubuntu

oschkcmd

Nature: Optional
Key: OS (could be from the most generic up to the most specific from ostype, osf
Value: package checker tool.
Conffile: pb
Example: oschkcmd deb = /usr/bin/lintian

oschkopt

Nature: Optional
Key: OS (could be from the most generic up to the most specific from ostype, osf
Value: package checker tool options.
Conffile: pb
Example: oschkcmd rpm = -i

oscmd

Nature: Mandatory
Key: tool (pb or rpmbootstrap)
Value: come separated list of commands that are mandatory on the underlying syst
Conffile: pb
Example: oscmd pb = tar,ls

oscmdopt

Nature: Mandatory
Key: tool (pb or rpmbootstrap)
Value: come separated list of commands that are optional on the underlying syste
Conffile: pb
Example: oscmd pb = svn2cl,svn,cvs

oscodename

Nature: Optional
Key: OS (could be from the most generic up to the most specific from ostype, osf
Value: code name. Mostly useful for debian and ubuntu, due to debootstrap.
Conffile: pb
Example: oscodename debian-5.0 = lenny

osfamily

Nature: Mandatory
Key: OS (could be from the most generic up to the most specific from ostype, osf
Value: OS family name (used to group similar distribution for handling)
Conffile: pb
Example: osfamily debian = du

osins

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: OS command to launch in order to automatically install packages on it.
 Conffile: pb
 Example: osins fedora = sudo yum -y install

osmindep

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: comma separated list of packages needed before setupvm|ve can be run. Ins
 Conffile: pb
 Example: osmindep default = perl,sudo,wget,tar,make,gzip

osnover

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: true|false. True means that this OS has no need to keep the version
 Conffile: pb
 Example: osnover gentoo = true

ospatchcmd

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: package patch command. For RPM is implicit.
 Conffile: pb
 Example: ospatchcmd deb = /usr/bin/patch

ospatchopt

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: package patch options.
 Conffile: pb
 Example: ospatchcmd deb = -s -pl

ospatchcmd-*

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: Full path name of the command mentioned after the '-' for the relative OS
 Conffile: pb
 Example: ospatchcmd-halt solaris = /usr/sbin/halt, ospatchcmd-halt default = /sbin

osperldep

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: comma separated list of perl modules needed by pb and not provided in a p
 Conffile: pb
 Example: osperldep rhel-5 = Module-Build,File-MimeInfo,File-BaseDir,Mail-Sendmai

osperlver

Nature: Mandatory (for each module mentioned in B<osperldep>)
 Key: Perl Module (as defined in B<osperldep>)
 Value: Version of the perl module that needs to be found on CPAN.
 Conffile: pb
 Example: Date-Manip = 5.54

ospkg

Nature: Optional (Mandatory if `pbininstalltype` is `pkg`)
 Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
 Value: comma separated list of packages that have to be installed in order for `p`
 Conffile: `pb`
 Example: `ospkg rhel-5 = project-builder`

ospkgdep

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
 Value: comma separated list of packages that are needed by `pb` and should be inst
 Conffile: `pb`
 Example: `ospkgdep rhel-5 = wget,make,ntp,patch,perl-DateManip`

osrelambfile

Nature: Mandatory (per OS mentioned in `B<osambiguous>`)
 Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
 Value: full path name of the ambiguous file describing that distribution, as wel
 Conffile: `pb`
 Example: `osrelambfile debian = /etc/debian_version`

osrelexpr

Nature: Mandatory (per OS mentioned in `B<osrelambfile>` and `B<osrelfile>`)
 Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
 Value: the perl regular expression used to parse the `B<osrelambfile>` in order to
 Conffile: `pb`
 Example: `osrelexpr rhel = Red Hat (? :Enterprise Linux|Linux Advanced Server) .*release ([0`
 Example:

osrelfile

Nature: Mandatory
 Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
 Value: full path name of the file describing non-ambiguously that distribution.
 Conffile: `pb`
 Example: `osrelfile fedora = /etc/fedora-release`

osremovedotinver

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
 Value: `true|false`. If `true`, then no `'.'` (dot) character is kept in the version n
 Conffile: `pb`
 Example: `osremovedotinver redhat = true`

osrepo

Nature: Optional (Mandatory if `pbininstalltype` is `pkg`)
 Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
 Value: comma separated list of packages, yum repo or apt sources.list files to b
 Conffile: `pb`
 Example: `osrepo rpm = ftp://ftp.project-builder.org/$ddir/$dver/pb.repo`

ossha

Nature: Optional (Mandatory if `rpm` type of package)
 Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
 Value: sha algorithm used br `createrepo`
 Conffile: `pb`
 Example: `ossha fedora-10 = sha1`

ossudoersmode

Nature: Mandatory
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: suffix that will be used in the name of the packages created. By default,
 Conffile: pb
 Example: ossudoersmode novell = 640

ossuffix

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: suffix that will be used in the name of the packages created. By default,
 Conffile: pb
 Example: ossuffix mandriva = mdv

ostype

Nature: Mandatory
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: build type grouping packages family. This is used internally by pb to make
 Conffile: pb
 Example: ostype rh = rpm, ostype md = rpm, ostype novell = rpm

osupd

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: OS command to launch in order to automatically update th VM|VE
 Conffile: pb
 Example: osupd fedora = sudo yum -y update

ossueminorrel

Nature: Mandatory
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: Should that OS distinguish between its minor version, considering them as
 Conffile: pb
 Example: ossueminorrel centos = true

pbconfurl

Nature: Mandatory
 Key: project (as defined in the -p option or pb environment variable)
 Value: B<pb URL> giving access to where the pb configuration dir is stored. Unde
 Conffile: home|project
 Example: pbconfurl fossology = svn+ssh://user@svn.project-builder.org/mondo/svn/

pbdefdir

Nature: Optional
 Key: project (as defined in the -p option or pb environment variable)
 Value: local directory under which every pb related operation will take place. i
 Conffile: home
 Example: pbdefdir default = \$ENV{'HOME'}/local/pb/projects

pbpggcheck

Nature: Optional
 Key: project (as defined in the -p option or pb environment variable)
 Value: Whether the repository file should be generated specifying that gpg check
 Conffile: project
 Example: pbpggcheck Lintel = 0

pbinstalltype

Nature: Mandatory
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: file or pkg. Indicates how `pb` will be installed during the `setupve|vm` phase
Conffile: `pb`

pbml

Nature: Optional (Mandatory if using `announce` command)
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: white space separated list of e-mail addresses used to send announces with
Conffile: `project`
Example: `pbml pb = pb-announce@project-builder.org pb-devel@project-builder.org`

pbpackager

Nature: Mandatory
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: Firstname Name and e-mail address of the person packaging the software.
Conffile: `project`
Example: `pbpackager pb = Bruno Cornec <bruno@project-builder.org>`

pbparallel

Nature: Optional
Key: tool (`pb` or `rpmbootstrap`)
Value: number of processes to execute in parallel. By default use the number of
Conffile: `pb`
Example: `pbparallel pb = 12`

pbpassfile

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: File containing the GPG passphrase that is used to sign packages
Conffile: `home`
Example: `pbpassfile pb = /users/me/secret/passfile`

pbpasspath

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: The directory under which will be found your secret GPG key file.
Conffile: `home`
Example: `pbpasspath pb = /home/me/.gnupg`

pbpassphrase

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: The GPG passphrase that is used to sign packages. Putting it in your conf
Conffile: `home`
Example: `pbpassphrase pb = TheSecretPassPhrase`

pbpbr

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: whatever. As soon as this is defined, then that project is known as using
Conffile: `project`
Example: `pbpbr python-redfish = 1`

pbprojdir

Nature: Optional
 Key: project (as defined in the `-p` option or pb environment variable)
 Value: local directory under which the project is locally exported. NB: a default
 Conffile: home
 Example: `pbprojdir mondorescue = $ENV{'HOME'}/local/mondorescue`

pbrepo

Nature: Mandatory
 Key: project (as defined in the `-p` option or pb environment variable)
 Value: URL of the server hosting the upstream tar file.
 Conffile: project
 Example: `pbrepo mondorescue = ftp://ftp.mondorescue.org`

pbshowsudo

Nature: Optional
 Key: project (as defined in the `-p` option or pb environment variable)
 Value: false (by default), meaning that sudo commands executed with `pb_system` wo
 Conffile: home
 Example: `pbshowsudo mondorescue = true`

pbsmtp

Nature: Optional (Mandatory if using the announce command)
 Key: project (as defined in the `-p` option or pb environment variable)
 Value: FQDN of the mail server to use to send announces. NB: a default value is
 Conffile: home
 Example: `pbsmtp mondorescue = localhost`

pbsockscmd

Nature: Optional
 Key: project (as defined in the `-p` option or pb environment variable)
 Value: name of the command to use to socksify network calls. NB: a default value
 Conffile: home
 Example: `pbsockscmd default = tsocks`

pbstoponerr

Nature: Optional
 Key: project (as defined in the `-p` option or pb environment variable)
 Value: false (by default), meaning that commands giving errors will not stop exe
 Conffile: home
 Example: `pbstoponerr mondorescue = true`

pburl

Nature: Optional
 Key: project (as defined in the `-p` option or pb environment variable)
 Value: B<pburl> giving access to where the project is stored. Normaly provided b
 Conffile: home|project
 Example: `pburl linuxcoe = cvs+ssh://:ext:user@linuxcoe.cvs.sourceforge.net:/cvsr`

pbussshagent

Nature: Mandatory
 Key: project (as defined in the `-p` option or pb environment variable)
 Value: false means that you want pb to create a dedicated SSH key pair to dialog
 Conffile: pb
 Example: `pbussshagent default = false`

pbwf

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: whatever. As soon as this is defined, then that project is known as not w
Conffile: project
Example: `pbwf afio = 1`

pkgtag

Nature: Optional
Key: package (as provided in `defpkgdir` or `extpkgdir`)
Value: Tag that needs to be used in package name (on rpm: `name-ver-tag.arch.rpm`)
Conffile: project
Example: `pkgtag mindi-busybox = 2`

pkgver

Nature: Optional
Key: package (as provided in `defpkgdir` or `extpkgdir`)
Value: Version that needs to be used in package name (on rpm: `name-ver-tag.arch.`
Conffile: project
Example: `pkgver mindi-busybox = 1.7.3`

projcomponent

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: The component in the distribution repository, e.g. `main` for `debian/ubuntu`
Conffile: project
Example: `projcomponent Intel = main`

projtag

Nature: Mandatory
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: tag that will be used for all packages names (on rpm: `name-ver-tag.arch.r`
Conffile: project
Example: `projtag mondorescue = 1`

projver

Nature: Mandatory
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: version that will be used for all packages names (on rpm: `name-ver-tag.ar`
Conffile: project
Example: `projver mondorescue = 2.2.9`

rbsconf

Nature: Optional
Key: project (as defined in the `-p` option or `pb` environment variable)
Value: for mock it's the configuration directory. For rinse it's its configurati
Conffile: `ve`
Example: `rbsconf default = /etc/mock, rbsconf default = /etc/pb/pb-rinse.conf`

rbsb4pi

Nature: Optional
Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`
Value: for mock it's not used. For rinse it's the script to call before doing in
Conffile: `ve`
Example: `rbsb4pi centos = /home/rinse/bin/before-post-install.sh`

rbsmirrorsrv

Nature: Optional

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: URL for the mirror server for setting up a virtual environment

Conffile: ve

Example: rbsmirrorsrv debian = http://mirrors1.kernel.org/

rbsmirrorupd

Nature: Optional

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: Relative path wrt B<rbsmirrorsrv> where updates are located

Conffile: ve

Example: rbsmirrorupd mageia = ../updates

rbsopt

Nature: Optional

Key: tool used for rpm based VE. Could be one of rpmbootstrap, rinse, mock, ...

Value: Additional option to pass to the command

Conffile: ve

Example: rbsopt rpmbootstrap = -k

rbspi

Nature: Optional

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: for mock it's not used. For rinse it's the script to call after doing ins

Conffile: ve

Example: rbspi centos = /home/rinse/bin/post-install.sh

rmhost

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: IP address or name of the Remote Machine running the OS mentioned in the

Conffile: rm

Example: rmhost default = localhost - rmhost hpux-11.3-ia64 = 10.10.10.10 - rmho

rmlist

Nature: Mandatory

Key: project (as defined in the -p option or pb environment variable)

Value: list of comma separated OS (under the form of os-ver-arch). The correspon

Conffile: rm

Example: rmlist default = mandriva-2010.2-i386,fedora-14-i386,rhel-6-i386,rhel-5

rmlogin

Nature: Mandatory

Key: project (as defined in the -p option or pb environment variable)

Value: account name to use on the Remote Machine to build packages. Communicatio

Conffile: rm

Example: rmlogin default = pb

rmmonport

Nature: Optional

Key: project (as defined in the -p option or pb environment variable)

Value: TCP port that is used to dialog with the monitor of the Remote Machine, t

Conffile: rm

Example: rmmonport default = 4444

rmntp

Nature: Optional
Key: project (as defined in the `-p` option or pb environment variable)
Value: NTP server to contact for time accuracy with `B<ospathcmd-ntpdate>` before
Conffile: rm
Example: `rmntp default = 1.pool.ntp.org`

rmpath

Nature: Mandatory
Key: project (as defined in the `-p` option or pb environment variable)
Value: path where to find configuration file for Remote Machines management.
Conffile: rm
Example: `rmrpath default = /home/remote`

rmport

Nature: Mandatory
Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
Value: port number to use to communicate with the RM using the SSH protocol. This
Conffile: rm
Example: `rmport pb = 2222,rmport mondorescue = 2223`

rmtmout

Nature: Optional
Key: OS (could be from the most generic up to the most specific from `ostype`, `osf`)
Value: Time in seconds to wait before interacting with the RM. This may correspond
Conffile: rm
Example: `rmtmout default = 10`

rmtype

Nature: Mandatory
Key: project (as defined in the `-p` option or pb environment variable)
Value: ssh. For the moment, only ssh is supported as a communication means with
Conffile: rm
Example: `rmrtype default = ssh`

sshdir

Nature: Mandatory
Key: project (as defined in the `-p` option or pb environment variable)
Value: dirname into which packages are uploaded on the `B<sshhost>` machine.
Conffile: project
Example: `sshdir mondorescue = /pub/mondorescue`

sshhost

Nature: Mandatory
Key: project (as defined in the `-p` option or pb environment variable)
Value: hostname to connect to in order to deliver packages to the repository server
Conffile: project
Example: `sshhost mondorescue = ftp.mondorescue.org`

sshlogin

Nature: Optional
Key: project (as defined in the `-p` option or pb environment variable)
Value: login to use when connecting to the repository server `B<sshhost>` for packages
Conffile: project
Example: `sshlogin mondorescue = mylogin`

sshport

Nature: Optional
Key: project (as defined in the -p option or pb environment variable)
Value: port to use when connecting to the repository server B<sshhost> for packa
Conffile: project
Example: sshport mondorescue = 22

supfiles

Not used yet.

testver

Nature: Optional
Key: project (as defined in the -p option or pb environment variable)
Value: true (meaning this is a test version, whose tag will be generated automat
Conffile: project
Example: testver mondorescue = true

vedebtype

Nature: Mandatory
Key: project (as defined in the -p option or pb environment variable)
Value: debootstrap (no other tool to create deb distro based chroot)
Conffile: ve
Example: vedebtype default = debootstrap

velist

Nature: Mandatory
Key: project (as defined in the -p option or pb environment variable)
Value: list of comma separated OS (under the form of os-ver-arch).
Conffile: ve
Example: velist default = centos-4-i386,centos-5-i386,centos-4-x86_64,centos-5-x

velogin

Nature: Mandatory
Key: project (as defined in the -p option or pb environment variable)
Value: account name to use in the VE to build packages.
Conffile: ve
Example: velogin default = pb

ventp

Nature: Optional
Key: project (as defined in the -p option or pb environment variable)
Value: NTP server to contact for time accuracy with B<ospathcmd-ntpdate> before
Conffile: ve
Example: ventp default = 1.pool.ntp.org

vepath

Nature: Mandatory
Key: project (as defined in the -p option or pb environment variable)
Value: path where to find VEs. Ve will be created and used under that path. For
Conffile: ve
Example: vepath default = /home/rpmbotstrap

verebuild

Nature: Optional
Key: project (as defined in the -p option or pb environment variable)
Value: true|false. True means that the VE should be rebuild before usage.
Conffile: ve
Example: verebuild default = true

verpmttype

Nature: Mandatory

Key: project (as defined in the `-p` option or pb environment variable)

Value: rpmbootstrap|rinse|mock (different tools to create a chroot environment)

Conffile: ve

Example: verpmttype default = rpmbootstrap

vesnap

Nature: Optional

Key: project (as defined in the `-p` option or pb environment variable)

Value: true|false. True means that the snapshot of the VE should be used before

Conffile: ve

Example: vesnap default = true

vetype

Nature: Mandatory

Key: project (as defined in the `-p` option or pb environment variable)

Value: chroot|schroot|docker. There are two different ways of launching a Virtual

Conffile: ve

Example: vetype default = chroot

vmbuildtm

Nature: Optional

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: Time in seconds to wait before killing the VM if SSH port already used. T

Conffile: project

Example: vmbuildtm default = 600,vmbuildtm mandriva-2009.0-x86_64 = 1200

vmcmd

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: Command to call to launch the VM emulator. It can contain some options.

Conffile: vm

Example: vmcmd default = /usr/bin/kvm

vmhost

Nature: Mandatory

Key: OS (could be from the most generic up to the most specific from ostype, osf

Value: hostname to connect to in order to reach the VM through ssh. Generally re

Conffile: vm

Example: vmhost default = localhost

vmlist

Nature: Mandatory

Key: project (as defined in the `-p` option or pb environment variable)

Value: list of comma separated OS (under the form of os-ver-arch).

Conffile: vm

Example: vmlist default = asianux-2-i386,asianux-3-i386,mandrake-10.1-i386,mandr

vmlogin

Nature: Mandatory

Key: project (as defined in the `-p` option or pb environment variable)

Value: account name to use in the VM to build packages. Communication is done wi

Conffile: vm

Example: vmlogin default = pb

vmmem

Nature: Optional
Key: OS (could be from the most generic up to the most specific from ostype, osf
Value: Memory size in MB to allocate to the VM.
Conffile: vm
Example: vmmem default = 512

vmmmonport

Nature: Optional
Key: project (as defined in the -p option or pb environment variable)
Value: TCP port that is used to dialog with the monitor of the VM, to pass order
Conffile: vm
Example: vmmmonport default = 4444

vmntp

Nature: Optional
Key: project (as defined in the -p option or pb environment variable)
Value: NTP server to contact for time accuracy with B<ospathcmd-ntpdate> before
Conffile: vm
Example: vmntp default = 1.pool.ntp.org

vmopt

Nature: Optional
Key: OS (could be from the most generic up to the most specific from ostype, osf
Value: list of options to pass to the VM manager command launcher for that distr
Conffile: vm
Example: vmopt default = -m 384 -daemonize,vmopt mandriva-2009.0-i386 = -m 256 -

vmpath

Nature: Mandatory
Key: project (as defined in the -p option or pb environment variable)
Value: path where to find VMs. They will be created and used under that path. Fo
Conffile: vm
Example: vmpath default = /home/qemu

vmport

Nature: Mandatory
Key: project (as defined in the -p option or pb environment variable)
Value: port number to use to communicate with the VM using the SSH protocol. Thi
Conffile: vm
Example: vmport pb = 2222,vmport mondorescue = 2223

vmsize

Nature: Mandatory
Key: OS (could be from the most generic up to the most specific from ostype, osf
Value: Size of the VM to create when using the newvm command of pb.
Conffile: vm
Example: vmsize default = 7G

vmsnap

Nature: Optional
Key: project (as defined in the -p option or pb environment variable)
Value: true|false. True means that the snapshot of the VM called pb should be us
Conffile: vm
Example: vmsnap default = true

vmtmout

Nature: Optional
 Key: OS (could be from the most generic up to the most specific from ostype, osf
 Value: Time in seconds to wait before interacting with the VM. This should corre
 Conffile: vm
 Example: vmtmout default = 180,vmtmout mandriva-2009.0-x86_64 = 500

vmtype

Nature: Mandatory
 Key: project (as defined in the -p option or pb environment variable)
 Value: qemu|kvm. For the moment, only QEMU or KVM are supported as virtualizatio
 Conffile: vm
 Example: vmtype default = kvm

webdir

Nature: Optional
 Key: project (as defined in the -p option or pb environment variable)
 Value: Target directory containing the web content in the project that should be
 Conffile: project
 Example: webdir mondorescue = website

websshdir

Nature: Optional (when not using *2webssh commands)
 Key: project (as defined in the -p option or pb environment variable)
 Value: dirname into which content is uploaded on the B<websshhost> machine.
 Conffile: project
 Example: websshdir mondorescue = /var/www/html

websshhost

Nature: Optional (when not using *2webssh commands)
 Key: project (as defined in the -p option or pb environment variable)
 Value: hostname to connect to in order to deliver content to the Web server.
 Conffile: project
 Example: websshhost mondorescue = www.mondorescue.org

websshlogin

Nature: Optional (when not using *2webssh commands)
 Key: project (as defined in the -p option or pb environment variable)
 Value: login to use when connecting to the Web server B<websshhost> for content
 Conffile: project
 Example: websshlogin mondorescue = mylogin

websshport

Nature: Optional (when not using *2webssh commands)
 Key: project (as defined in the -p option or pb environment variable)
 Value: port to use when connecting to the Web server B<websshhost> for content d
 Conffile: project
 Example: websshport mondorescue = 22

OTHER PARAMETERS**pb_URL****pb_directory_desc****pb_environment_variables****COPYRIGHT**

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